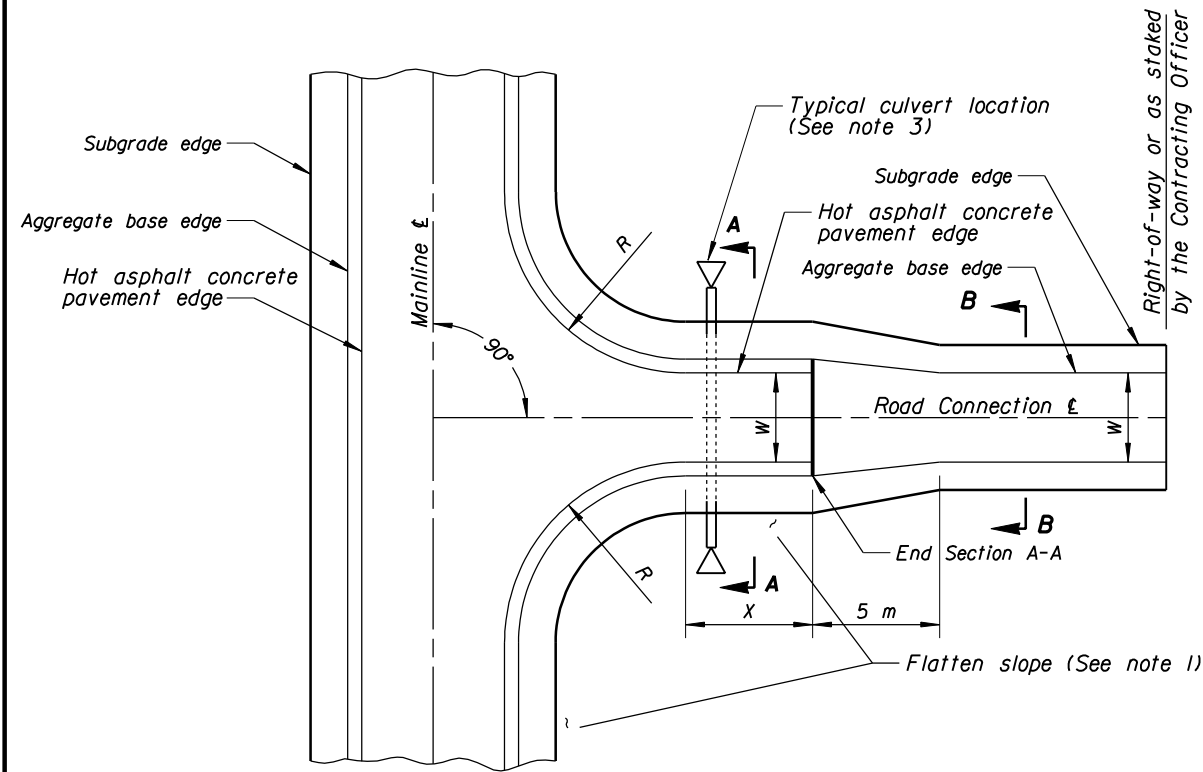
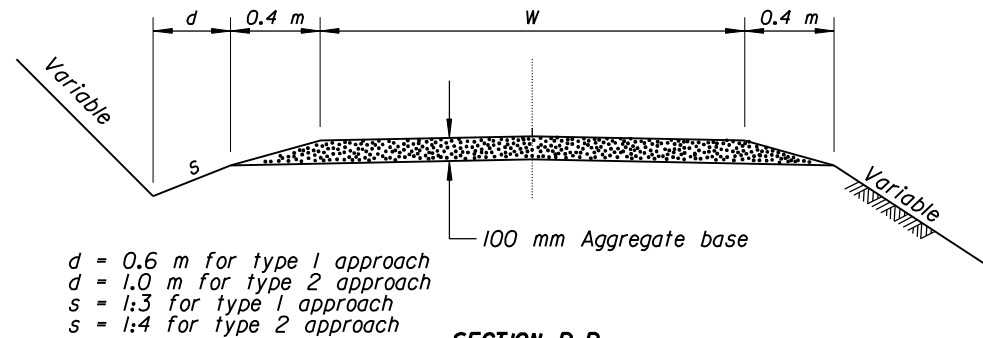


12/07/2004 07:56:07 AM N:\Standards\Std_Drawings_and_Details\CF\LHD Metric Details (FP-96 & FP-03)\ndt20403.dgn



TYPICAL PLAN
Type 1&2

ROAD CONNECTION SUMMARY				
STATION	TYPE & CLASS	PAVED LENGTH (m)	TOTAL LENGTH (m)	REMARKS
64+125 Lt	2D	20	20	
68+330 Lt	1A	5	20	
72+790 Rt	2C	17	35	
75+820 Lt	1A	5	20	
76+355 Lt	1A	5	20	
76+700 Lt	2C	17	35	
78+340 Lt	3A	1.2	10	

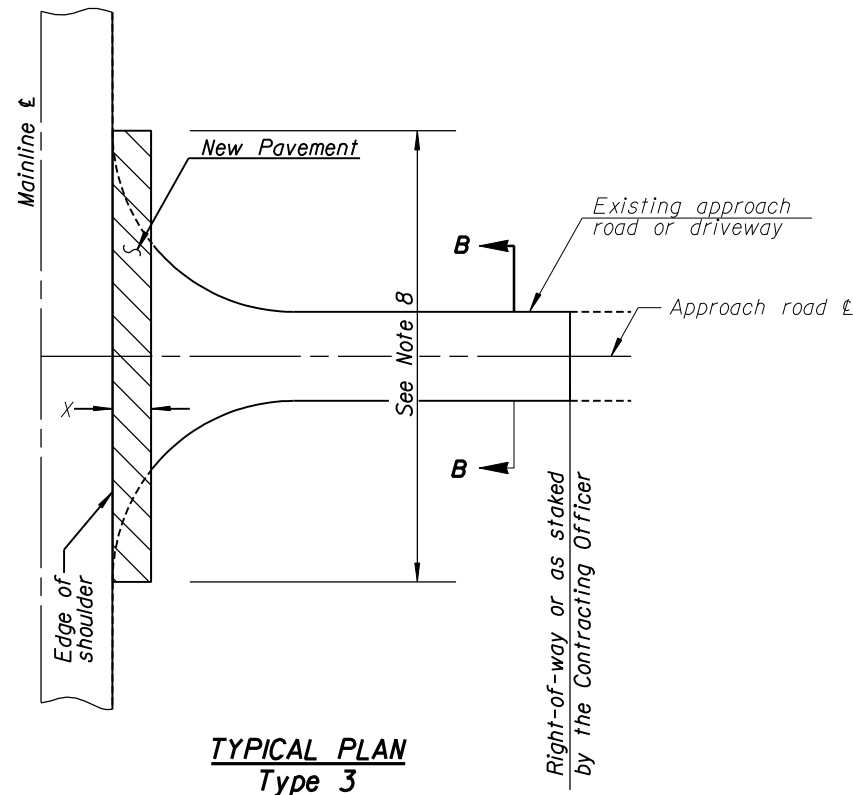


SECTION B-B

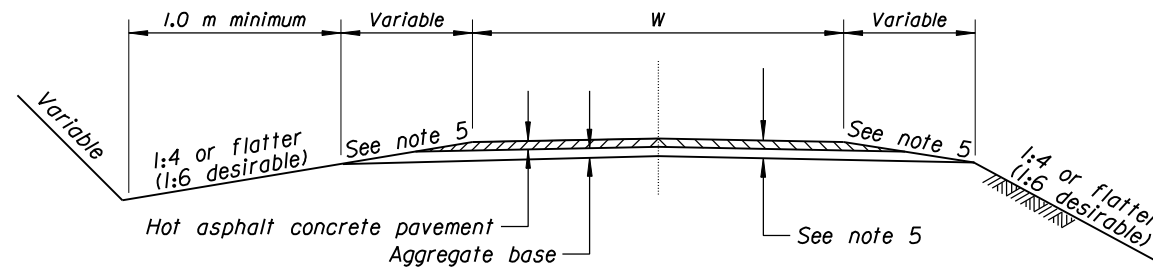
GENERAL NOTES

- Construct cut and fill slopes so slope ratios and degree of slope finish for road connections will be compatible with mainline roadway construction. Flatten cut and fill slope ratios at road connections to the maximum extent practical.
- Under special conditions, the road connection angle shown may be varied $\pm 20^\circ$.
- Place culverts at the end of the road connection radius to provide a flatter foreslope and increased mainline recovery area. When culvert must be placed within the clear zone of the mainline roadway, use safety end sections see Standard Drawing M602-9.
- Apply the normal mainline crown section to road connections with widths greater than 4.8 meters.
- Refer to mainline typical section for structural section thicknesses and foreslopes.
- Construct road connections with landing areas having grades of $\pm 2\%$. In snowy regions restrict this to a 0% to -2% grade. For superelevationates $> 8\%$, the maximum rollover shall be 6%.
- Vary radii to fit unusual field conditions. Do not reduce existing radii or widths.
- For Type 3 approach match width and radius of existing road connection.

X = 0 m For type 1 approach
X = 5 m Minimum for type 2 approach
X = Apron width varies, 1.2 m typical



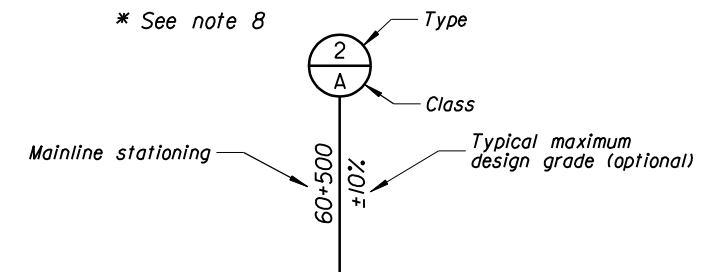
TYPICAL PLAN
Type 3



TYPICAL SECTION (SECTION A-A)

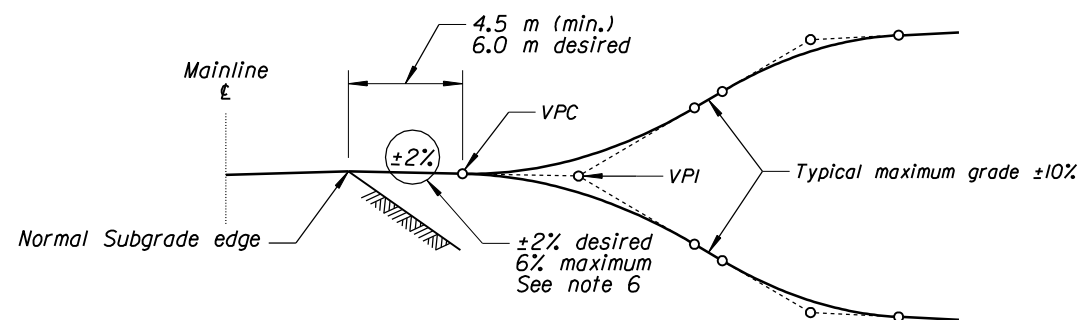
TYPE	CLASS	WIDTH W (m)	RADIUS R (m)	SAMPLE APPLICATION
1	A	3.6	5.0	Field Access
1	B	4.2	8.0	Minimum 1-Way Use
1	C	4.8	8.0	Farm Equipment
1	D	4.8	12.0	Logging Truck Use
2	A	5.4	8.0	Minimum 2-Way Use
2	B	6.0	8.0	ADT > 10
2	C	6.6	12.0	ADT > 25
2	D	7.2	12.0	ADT > 100
2	E	8.4	15.0	ADT > 200
3	A	*	*	Paved apron

* See note 8



Example of symbol showing standard roadway connection on plan and profile sheet

TYPICAL SYMBOL



TYPICAL PROFILE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL	
ROAD CONNECTIONS	
DETAIL APPROVED FOR USE 07/2004	DETAIL
REVISED:	CM204-3